

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits  | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|-------|---|---|------------------|---------|---------------------|
| L1    | 14636 | colorwheel or color \$1wheel or (color adj wheel) or (color near3 (disc or disk))                         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2010/04/25<br>12:02 |
| L2    | 14636 | colorwheel or color \$1wheel or (color adj wheel) or (color near3 (disc or disk))                         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2010/04/25<br>12:03 |
| L3    | 1172  | L2 same motor same (timing or rate or speed or spin\$4 or turn \$4)                                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2010/04/25<br>12:03 |
| L4    | 21577 | colorwheel or color \$1wheel or (color adj wheel) or (color near3 (disc or disk)) or (filter near3 wheel) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2010/04/25<br>12:03 |
| L5    | 1828  | L4 same motor same (timing or rate or speed or spin\$4 or turn \$4)                                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2010/04/25<br>12:03 |
| L6    | 99    | L4 with delay   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2010/04/25<br>12:03 |
| L7    | 0     | (minimiz\$4 same yellow same purple) 1  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2010/04/25<br>12:04 |

|    |       |  |   |     |    |                     |
|----|-------|--|---|-----|----|---------------------|
| L8 | 496   | (yellow same purple) 1   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2010/04/25<br>12:04 |
| L9 | 1     | (yellow same purple) 6   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2010/04/25<br>12:04 |
| S1 | 111   | colorwheel or color<br>\$1wheel  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/17<br>14:04 |
| S2 | 5870  | colorwheel or color<br>\$1wheel or (color adj<br>wheel)                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/17<br>14:04 |
| S3 | 12108 | colorwheel or color<br>\$1wheel or (color adj<br>wheel) or (color near3<br>(disc or disk)) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/17<br>14:30 |
| S4 | 1893  | S3 same motor  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/17<br>14:05 |
| S5 | 957   | S3 same motor same<br>(timing or rate or<br>speed or spin\$4 or turn<br>\$4)               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/17<br>14:30 |
| S6 | 547   | S5 same (chang\$4 or<br>adjust\$4 or control\$4<br>or modify\$4)                           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/17<br>14:09 |

|     |       |   |   |     |    |                     |
|-----|-------|---|---|-----|----|---------------------|
| S7  | 2     | osd S5  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/17<br>14:07 |
| S8  | 3     | osd S4  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/17<br>14:07 |
| S9  | 2     | (osd or (on near3<br>screen near3 display)<br>or on\$1screen<br>\$1display) S5  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/17<br>14:08 |
| S10 | 90515 | "345"/\$.cols.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/17<br>14:09 |
| S11 | 34    | S6 S10  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/17<br>14:09 |
| S12 | 17820 | colorwheel or color<br>\$1wheel or (color adj<br>wheel) or (color near3<br>(disc or disk)) or (filter<br>near3 wheel) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/17<br>14:48 |
| S13 | 1528  | S12 same motor same<br>(timing or rate or<br>speed or spin\$4 or turn<br>\$4)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/17<br>14:38 |
| S14 | 46    | S13 same remote   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/17<br>14:31 |

|     |        |   |   |     |    |                     |
|-----|--------|---|---|-----|----|---------------------|
| S15 | 73     | S12 same motor same remote  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/17<br>14:38 |
| S16 | 88     | S12 with delay  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/17<br>14:42 |
| S17 | 446900 | manual\$4 with (calibrat<br>\$4 or synchroniz\$5 or<br>adjust\$4 or control\$4)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/17<br>14:49 |
| S18 | 214    | S12 same S17  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/17<br>14:50 |
| S19 | 101    | display S18   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/17<br>14:50 |
| S20 | 65     | ("3821793"  <br>"4197559"   "5046162"<br>  "5192946"  <br>"5212555"   "5233385"<br>  "5428408"  <br>"5448314"   "5452024"<br>  "5467146").PN. OR<br>("5774196").URPN. | US-PGPUB;<br>USPAT; USOCR   | AND | ON | 2007/12/17<br>15:06 |
| S21 | 5      | S20 manual\$4   | US-PGPUB;<br>USPAT; USOCR   | AND | ON | 2007/12/17<br>15:06 |
| S22 | 9679   | osd or on\$1screen<br>\$1display or (on adj<br>screen adj display)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/17<br>16:40 |
| S23 | 465    | (control\$4 with color)<br>same S22   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/17<br>15:49 |

|     |     |   |   |     |    |                     |
|-----|-----|---|---|-----|----|---------------------|
| S24 | 9   | dip S23   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/17<br>15:50 |
| S25 | 24  | projector S23   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/17<br>16:01 |
| S26 | 163 | (brightness with control \$4) same movie                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/17<br>16:02 |
| S27 | 62  | S26 same display  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/17<br>16:02 |
| S28 | 21  | (brightness with control \$4) same (movie with setting)       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/17<br>16:05 |
| S29 | 177 | (brightness with control \$4) same (program \$4 with setting) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/17<br>16:11 |
| S30 | 133 | DISPlay S29   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/17<br>16:06 |
| S31 | 82  | ((color with control \$4) same menu) same projector           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/17<br>16:33 |

|     |     |  |   |     |    |                     |
|-----|-----|--|---|-----|----|---------------------|
| S32 | 1   | ((color with control\$4 same menu) same dlp  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/17<br>16:12 |
| S33 | 113 | ((color with control\$4 same menu) same project\$4   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/17<br>16:33 |
| S34 | 20  | (osd or on\$1screen \$1display or (on adj screen adj display)) same color same (projector or (project \$4 near3 device) or dlp or slm) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/17<br>16:41 |
| S35 | 0   | wo0195544A2  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; DERWENT                              | AND | ON | 2007/12/18<br>10:23 |
| S36 | 0   | 0195544A2  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; DERWENT                              | AND | ON | 2007/12/18<br>10:23 |
| S37 | 0   | 01/95544A2   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; DERWENT                              | AND | ON | 2007/12/18<br>10:23 |
| S38 | 2   | wo "1095544"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; DERWENT                              | AND | ON | 2007/12/18<br>10:24 |
| S39 | 4   | wo "0195544"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; DERWENT                              | AND | ON | 2007/12/18<br>10:24 |
| S40 | 2   | wo "200195544"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; DERWENT                              | AND | ON | 2007/12/18<br>10:25 |
| S41 | 13  | "6870523"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; DERWENT                              | AND | ON | 2007/12/18<br>10:25 |
| S42 | 177 | (brightness with control \$4) same (program\$4 with setting)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2007/12/18<br>12:03 |

|     |         |  |  |     |    |                  |
|-----|---------|--|--|-----|----|------------------|
| S43 | 2711    | (brightness with (setting or mode)) same (movie or bright or normal or dynamic or dark)                              | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/12/18 12:04 |
| S44 | 281     | (select\$4 with (brightness with (setting or mode))) same (movie or bright or normal or dynamic or dark)             | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/12/18 12:11 |
| S45 | 90565   | "345"/\$.cls.  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/12/18 12:04 |
| S46 | 48      | S44 S45  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/12/18 12:04 |
| S47 | 166     | (select\$4 with (brightness with (setting or mode))) same ((movie or bright or normal or dynamic or dark) with mode) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2007/12/18 12:11 |
| S48 | 1104906 | (chang\$4 or adjust\$4 or control\$4 or modify \$4 of vary\$4) with speed  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/04/14 09:49 |
| S49 | 12490   | colorwheel or color \$1wheel or (color adj wheel) or (color near3 (disc or disk))                                    | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/04/14 09:50 |
| S50 | 1516    | S48 S49  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2008/04/14 09:50 |

|     |       |  |   |     |    |                     |
|-----|-------|--|---|-----|----|---------------------|
| S51 | 521   | ((chang\$4 or adjust\$4 or control\$4 or modify \$4 of vary\$4) with speed) same S49               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/04/14<br>09:51 |
| S52 | 357   | (dmd or display or micromirror) S51  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/04/14<br>09:51 |
| S53 | 93715 | "345"/\$.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/04/14<br>09:52 |
| S54 | 23    | S52 S53  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/04/14<br>09:52 |
| S55 | 123   | manual\$4 with (chang \$4 or adjust\$4 or control\$4 or modify\$4 of vary\$4 or align\$4) same S49 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/04/14<br>13:02 |
| S56 | 57    | S55 display  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/04/14<br>13:03 |
| S57 | 4     | S53 S55  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/04/14<br>13:04 |
| S58 | 1     | 10/878402  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/04/14<br>14:08 |



|     |       |  |   |     |    |                     |
|-----|-------|--|---|-----|----|---------------------|
| S59 | 13    | ("0795470"  <br>"20040036967"  <br>"20040045397"  <br>"20040145707"  <br>"4739396"   "5044598"<br>  "5798887"  <br>"5860726"   "6474818"<br>  "6585488"  <br>"6637895"  <br>"6755554").PN. OR<br>("6994439").URPN. | US-PGPUB;<br>USPAT; USOCR   | AND | ON | 2008/04/14<br>14:23 |
| S60 | 20503 | "353"/\$.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/04/14<br>14:27 |
| S61 | 14    | S55 S60  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/04/14<br>14:27 |
| S62 | 3     | "20030107565"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/04/14<br>18:48 |
| S63 | 2     | "20020163527"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2008/04/18<br>10:53 |
| S64 | 2     | "20020163527"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; DERWENT                              | AND | ON | 2008/04/21<br>09:27 |
| S65 | 1     | 2003-1251  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; DERWENT                              | AND | ON | 2008/04/21<br>10:06 |
| S66 | 1     | 10/709072  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; DERWENT                              | AND | ON | 2008/11/06<br>18:46 |
| S67 | 2     | US "20060103616" A1  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; DERWENT                              | AND | ON | 2009/05/18<br>11:11 |

## EAST Search History (Interference)

&lt; This search history is empty &gt;

**4/ 25/ 2010 12:09:19 PM**

**H:\ EAST\ Workspaces\ All\ 10709072\_Projector1.wsp**